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| <b>FORM PTO-1449 U.S. Department of Commerce</b><br>(Rev. 4/92) Patent and Trademark Office<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use several sheets if necessary) | <b>ATTY. DOCKET NO.</b><br><br>501.30980CC7 | <b>SERIAL NO.</b><br><br>Not yet assigned |
|  | <b>APPLICANT</b><br>KANEKAWA, et al         |   |
|  | <b>FILING DATE</b><br>February 26, 2004     | <b>GROUP</b><br>2818                      |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE  | NAME                     | CLASS | SUBCLASS | FILING DATE<br>IF<br>APPROPRIATE |
|---------------------|-----------------|-------|--------------------------|-------|----------|----------------------------------|
| W                   | 4 7 7 3 0 4 4   | 9/88  | Sfarti et al             | 711   | 211      |                                  |
| W                   | 4 5 7 7 2 9 3   | 3/86  | Matick et al             | 365   | 189.04   |                                  |
| W                   | 4 1 7 2 2 8 2   | 10/79 | Aichelmann, Jr.<br>et al | 364   | 246.92   |                                  |
| W                   | 5 4 6 8 9 9 2   | 11/95 | Kanekawa et al           | 257   | 676      |                                  |
| W                   | 5 5 7 6 5 5 4   | 11/96 | Hsu                      | 257   | 48       |                                  |
| W                   | 4 4 3 2 0 5 5   | 2/84  | Salas et al              | 364   | Dig. 1   |                                  |
| W                   | 4 4 4 1 1 6 4   | 4/84  | PAVEN, et al.            |       |          |                                  |
| W                   | 5 2 0 0 8 1 0   | 4/93  | Wojnarowski, et<br>al.   |       |          | 4/5/90                           |
| W                   | 5 2 4 1 4 5 6   | 8/93  | Marcinkiewicz,<br>et al. |       |          | 7/2/90                           |
| W                   | 5 0 1 9 9 4 3   | 5/91  | Fassbender, et<br>al.    |       |          | 2/14/90                          |
| W                   | 5 0 1 6 0 8 7   | 5/91  | Haug, et al.             |       |          | 2/15/90                          |

## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | ABSTRACT |    |
|--|-----------------|------|---------|-------|----------|----------|----|
|  |                 |      |         |       |          | YES      | NO |
|  |                 |      |         |       |          |          |    |
|  |                 |      |         |       |          |          |    |
|  |                 |      |         |       |          |          |    |
|  |                 |      |         |       |          |          |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|   |   |
|---|---|
| W | Synchronous Dram Module; Advance 64 MEG & 72 Registered SDRAM DIMM; pages 1-17. |
| W | 19404 - word X 9 - bit High Density Dynamic RAM Module; pages 849-857.          |
|   |   |

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V. Nguyen

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9/2/04

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**(Rev. 4/92) Patent and Trademark Office**

ATTY. DOCKET NO.

SERIAL NO.

**501.30980CC7**

**Not Assigned**

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

**APPLICANT**  
**KANEKAWA, et al.**

**FILING DATE**  
**February 26, 2004**

**GROUP  
2818**

# U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER |   |   |   |   |   |   |       | DATE                     | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|---|---|---|---|---|---|-------|--------------------------|------|-------|----------|-------------------------------|
| UN                  | 5               | 2 | 3 | 7 | 2 | 0 | 3 | 8/93  | Massaron                 |      |       | 5/3/91   |                               |
| UN                  | 5               | 0 | 8 | 1 | 5 | 6 | 3 | 1/92  | Feng et al.              |      |       | 4/27/90  |                               |
| UN                  | 4               | 6 | 0 | 2 | 2 | 7 | 1 | 7/86  | Dougherty,<br>Jr. et al. |      |       |          |                               |
| UN                  | 4               | 6 | 4 | 9 | 4 | 7 | 4 | 3/87  | Ambrosius,<br>III et al. |      |       |          |                               |
| UN                  | 4               | 1 | 4 | 4 | 5 | 6 | 1 | 3/79  | Tu, et al.               |      |       |          |                               |
| UN                  | 5               | 1 | 8 | 2 | 6 | 3 | 2 | 1/93  | Bechtel, et al.          |      |       | 11/22/89 |                               |
| UN                  | 4               | 7 | 8 | 3 | 6 | 9 | 5 | 11/88 | Eichelberger,<br>et al.  |      |       |          |                               |
| UN                  | 4               | 9 | 0 | 7 | 0 | 6 | 2 | 3/90  | Fukushima                |      |       |          |                               |
| UN                  | 4               | 9 | 1 | 8 | 8 | 1 | 1 | 4/90  | Eichelberger,<br>et al.  |      |       |          |                               |
| UN                  | 4               | 9 | 9 | 3 | 1 | 4 | 3 | 2/91  | Adachi et al.            |      |       | 9/12/89  |                               |
| UN                  | 4               | 7 | 2 | 2 | 1 | 3 | 0 | 2/88  | Kimura, et al.           |      |       |          |                               |

## FOREIGN PATENT DOCUMENTS

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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|---------------------|--|-----------------|---|---|---|---|---|---|-------|-------------------|-------|----------|----------------------------------|
| W                   |  | 5               | 2 | 8 | 5 | 1 | 0 | 7 | 02/94 | Kazami, et al.    |       |          | 04/18/90                         |
| W                   |  | 5               | 1 | 8 | 5 | 7 | 1 | 7 | 02/93 | Mori              |       |          | 07/31/89                         |
| W                   |  | 5               | 0 | 1 | 7 | 9 | 9 | 3 | 5/91  | Shibata           |       |          | 02/20/90                         |
| W                   |  | 4               | 8 | 1 | 1 | 2 | 8 | 8 | 3/89  | Kleijne, et al.   |       |          | 06/24/86                         |
| W                   |  | 4               | 9 | 7 | 9 | 2 | 8 | 9 | 12/90 | Dunaway, et al.   |       |          |                                  |
| W                   |  | 4               | 7 | 4 | 6 | 9 | 6 | 6 | 5/88  | Fitzgerald et al. |       |          |                                  |
| W                   |  | 5               | 1 | 7 | 3 | 8 | 4 | 4 | 12/92 | Adachi, et al.    |       |          | 11/19/91                         |
| W                   |  | 5               | 0 | 5 | 0 | 0 | 3 | 9 | 9/91  | Edjors            |       |          | 6/26/90                          |
| W                   |  | 4               | 8 | 0 | 7 | 2 | 8 | 4 | 02/89 | Kleijne           |       |          | 06/05/87                         |
| W                   |  | 4               | 9 | 3 | 3 | 8 | 9 | 8 | 06/90 | Gilberg, et al.   |       |          | 01/12/89                         |
| W                   |  | 5               | 2 | 4 | 3 | 2 | 0 | 8 | 0/93  | Isomura, et al.   |       |          | 09/10/90                         |
| W                   |  | 5               | 0 | 7 | 2 | 2 | 8 | 3 | 12/91 | Bolger            |       |          |                                  |
| W                   |  | 5               | 3 | 2 | 5 | 2 | 6 | 5 | 06/94 | Turlik, et al.    |       |          | 01/07/92                         |

|  |  | DOCUMENT NUMBER |    |  |  |  |  |  | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |  |
|--|--|-----------------|----|--|--|--|--|--|------|---------|-------|----------|-------------|--|
|  |  | YES             | NO |  |  |  |  |  |      |         |       |          |             |  |
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(Form PTO-1449 [6-4])

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|---------------------|--------------------|-------|-----------------|-------|----------|-------------------------------|
| W                   | 6 2 2 3 2 7 3      | 4/01  | Kanekawa et al  | 712   | 33       |                               |
| W                   | 6 1 9 5 7 4 2      | 2/01  | Kanekawa et al  | 712   | 33       |                               |
| W                   | 2001 0 0 2 4 3 8 9 | 9/01  | Funaba et al    | 365   | 200      |                               |
| W                   | 6 3 7 6 9 1 7      | 4/02  | Takeshita et al | 257   | 778      |                               |
| W                   | 2001 0 0 3 3 0 1 3 | 10/01 | Lee             | 257   | 679      |                               |
| W                   | 2002 0 0 5 6 9 1 1 | 5/02  | Iwaya et al     | 257   | 738      |                               |
| W                   | 2001 0 0 2 2 7 3 9 | 9/01  | Funaba et al    | 365   | 63       |                               |
| W                   | 6 3 2 4 1 1 4      | 11/01 | Hineno          | 365   | 230.03   |                               |
| W                   | 4 7 5 2 9 2 7      | 6/98  | Melling, Jr.    | 714   | 3        |                               |

**FOREIGN PATENT DOCUMENTS**

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|                 |      |         |       |          | YES NO   |
|                 |      |         |       |          |          |

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|---------------------|------------------|-----------------|---|---|---|---|---|---|-------|-----------------|-------|----------|-------------------------------|
| LD                  |                  | 4               | 8 | 0 | 3 | 6 | 8 | 2 | 2/89  | Hara et al      | 714   | 23       |                               |
| LD                  |                  | 5               | 1 | 4 | 9 | 9 | 4 | 0 | 9/92  | Davis et al     | 219   | 130.21   |                               |
| LD                  |                  | 5               | 0 | 6 | 8 | 8 | 5 | 0 | 11/91 | Moore           | 370   | 449      |                               |
| LD                  |                  | 4               | 9 | 2 | 2 | 3 | 6 | 3 | 5/90  | Long et al      | 361   | 3        |                               |
| LD                  | 2<br>0<br>0<br>2 | 0               | 0 | 4 | 0 | 2 | 6 | 1 | 4/02  | Nakamoto et al  | 701   | 1        |                               |
| LD                  | 2<br>0<br>0<br>3 | 0               | 1 | 3 | 1 | 2 | 2 | 8 | 7/03  | Tworney         | 713   | 153      |                               |
| LD                  |                  | 5               | 6 | 1 | 4 | 7 | 6 | 1 | 3/97  | Kanekawa, et al |       |          |                               |
| LD                  |                  | 5               | 7 | 8 | 9 | 8 | 0 | 5 | 8/98  | Kanekawa, et al |       |          |                               |
| LD                  |                  | 6               | 5 | 8 | 4 | 0 | 0 | 4 | 6/03  | Kanekawa, et al |       |          |                               |
|                     |                  |                 |   |   |   |   |   |   |       |                 |       |          |                               |
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|--|--|-----------------|--|--|--|--|--|--|------|---------|-------|----------|----------|----|
|  |  |                 |  |  |  |  |  |  |      |         |       |          | YES      | NO |
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